

14B-2 dressing plants operated in conjunction with these quarries. Such figures for 1963. 1958. and 1954 are comparable with most of the statistics for years prior to 1954.

Separate figures are shown for the two types of quarries throughout this report, quarries classified in the mineral industries being referred to as "quarries only," whereas quarries and their associated dressing plants are classified in manufacturing and referred to as "quarries with dressing plants." Industry

1421. \*Crushed and Broken Stone, Including Riprap. This industry represents establishments primarily engaged in mining or quarrying crushed and broken stone. Quarries operated in conjunction with cement and lime plants are included in this industry when separate reports are available, but the stone crushing operations performed at the plant are not included. Nepheline syenite operations are classified in industry 1459. Establishments primarily engaged in mining or preparing bituminous limestone and sandstone are classified in industry 1494, Native Asphalt and Bitumens.

Crushed and Broken Limestone Subindustry. This subindustry represents establishments primarily engaged in mining or quarrying crushed and broken limestone, including related rocks, such as dolomite, cement rock, marl, travertine, and calcareous tufa.

Crushed and Broken Granite Subindustry. This subindustry represents establishments primarily engaged in mining or quarrying crushed and broken granite, including related rocks, such as gneiss, syenite, and diorite.

Crushed and Broken Stone, N.E.C. Subindustry. This subindustry represents establishments primarily engaged in mining or quarrying crushed and broken stone, n.e.c., such as slate (including slate granules), marble, trap rock (basalt, diabase, gabbro, and related rocks), sandstone (including quartzite and gneiss), and various light-colored volcanic rocks, mica schist, and mixed boulders.

Establishments classified in industry 1421, Crushed and Broken Stone, represent all separately operated quarries and crushing plants primarily producing crushed and broken stone. They do not include limestone, cement rock, and other stone quarries which are parts of establishments primarily manufacturing hydraulic cement, quicklime, hydrated lime, ready-mixed concrete, or bituminous concrete. Such establishments are classified in the manufacturing industries, principally in industry 3241, Cement, Hydraulic, and industry 3274, Lime. However, selected departmental data were obtained for such quarry operations and statistics for them from the 1963, 1958, and 1954 Censuses of Manufactures are presented throughout this report under the designation, "crushed stone quarries manufactures."

Census figures for the Crushed and Broken Stone Industry exclude for 1963, as for previous years, data on production by Federal, State, and local governments. According to the Bureau of Mines, "noncommercial operations, principally of this type, produced about 10 percent of all crushed and broken stone in 1963,

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million. The value of shipments and receipts of quarries operated without dressing plants, the Dimension Stone Industry, was \$19.7 million, of which \$18.5 million represented rough dimension stone, the primary product of such establishments. Quarries with dressing plants, those classified in manufacturing, had products valued at \$86.4 million, shipping rough dimension stone valued at \$5.8 million and dressed dimension stone valued at \$69.5.